

NEW AND INTERESTING RECORDS OF CARABIDAE FROM THE OLYMPIC PENINSULA (WASHINGTON)

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During the summers of 1967 and 1968, I had occasion to make collecting trips in the Pacific northwest and particularly through the Olympic Peninsula. Most of the specimens collected in this part of the country belong to species normally found there, but a few of them are of special interest.

One of the most interesting species is *Broscodera insignis* (Mann.). About the distribution and ecology of this species Ball (1960) wrote: "known only from the pacific northwest and occurs above timberline.", and Lindroth (1961) stated: "In the coastal mountains range of the pacific northwest, S. to Oregon - very rare and local . . ., at Telegraph point (B. C.) the species occurred in a very steep slope facing north, at the margin of a wide snow field. . ." From these quotations it appears that *Broscodera insignis* is a montane species. Hatch (1933) recorded it from Olympic Hot Springs. The capture of 1 living specimen, 25 July 1968 at Neilton in the southwest part of the Olympic Peninsula, at very low altitude and in an area of dense humid rain forest, seems contradictory to this conclusion.

The specimen was taken under a stone in the bed of a dry brook well shaded by the forest, together with *Trachypachis holmbergi* (Mann.), *Agonum ovipenne* (Mann.), *Pterostichus crenicollis* (LeConte) and *Scaphinotus angusticollis olympiae* (Van Dyke). This specimen fits the description of the species, and no differences are noted.

The distribution of *Nebria piperi* (V. D.), is given by Lindroth (1961): "from Washington to Alaska along the Cascade mountains - very local." This does not seem to include the Olympic Peninsula, although Hatch (1939) and Van Dyke (1925) recorded its presence in this area. A fine series of specimens was taken 13 August 1967 along the bank of the Dosewallips River near the border of the Olympic National Park. They were taken among relatively large stones slightly above the water's edge.

Other interesting captures include *Nebria kincaidi* (Schwarz) at the Hurricane Ridge above timber line at the edge of a very small creek in mountain grassland, and *Nebria metallica* (Fischer) and *Pterostichus nigricollis* (V. D.) in Hoh River Valley in rain forest near the river.

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